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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	Not Yet Assigned	
			Filing Date	October 6, 2003	
			First Named Inventor	Kazutaka Yamamoto	
			Group Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	R2180.0059/P059-E

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
* <del>101</del>	A	4,583,211		Nishikawa et al.	04/15/86	
*	B	4,713,802		Kobata et al.	12/15/87	
*	C	4,727,530		Tomisawa	02/23/88	
*	D	4,982,110		Yokogawa et al.	01/01/91	
*	E	5,212,678		Roth et al.	05/18/93	
*	F	5,323,367		Tamura et al.	06/21/94	
*	G	5,337,295		Maeda	08/09/94	
*	H	5,343,455		Takeuchi et al.	08/1994	
*	I	5,363,362		Maeda et al.	11/1994	
*	J	5,418,762		Kitayama	05/1995	
*	K	5,432,769		Honjo	07/11/95	
*	L	5,455,812		Shinada	10/03/95	
*	M	5,471,450		Yonemitsu et al.	11/28/95	
*	N	5,487,047		Oka	01/23/96	
*	O	5,502,695		Miura et al.	03/26/96	
*	P	5,504,728		Yokota et al.	04/02/96	
*	Q	5,517,477		Sako	05/14/96	
*	R	5,519,680		Honda	05/21/96	
*	S	5,526,333		Usui et al.	06/11/96	
*	T	5,526,339		Shimada	06/11/96	
*	U	5,541,901		Okamoto et al.	07/30/96	
*	V	5,553,042		Usui	09/03/96	
*	W	5,559,765		Andou	09/24/96	
*	X	5,586,093		Honda et al.	06/1995	
*	Y	5,590,101		Itoi	12/31/96	
*	Z	5,602,812		Miura et al.	02/11/97	
*	AA	5,604,646		Yamawaki	02/18/97	
*	BB	5,608,697		De Haan et al.	03/04/97	
*	CC	5,633,841		Yokota et al.	05/27/97	
*	DD	5,668,789		Yokota et al.	01/1994	
*	EE	5,680,379		Ishida et al.	10/21/97	
*	FF	5,694,383		Arataki et al.	12/02/97	
*	GG	5,699,333		Tsutsui	12/16/97	
*	HH	5,740,144		Kimura et al.	04/14/98	
*	II	5,745,445		Yasukohchi et al.	11/1996	
*	JJ	5,761,173		Inoue	11/1996	
*	KK	5,793,739		Tanaka et al.	08/11/98	
*	LL	5,808,989		Ueki et al.	09/15/98	
*	MM	5,808,995		Nakamura et al.	09/15/98	
* <del>114</del>	NN	5,812,502		Hirai et al.	09/22/98	
*	OO	5,815,472		Kuroda et al.	08/1997	

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
* [initials]	PP	5,835,461	Kobayashi et al.	11/10/98		
* [initials]	QQ	5,883,865	Kondo et al.	05/1995		
* [initials]	RR	5,999,505	Yasui	03/1994		
* [initials]	SS	5,805,546	Ando	12/1996		
* [initials]	TT	5,748,588	Maeda et al.	09/1995		
* [initials]	UU	5,453,967	Aramaki et al.	09/1995		
* [initials]	VV	5,848,038	Igarashi	11/1995		
* [initials]	WW	5,740,143	Suetomi	06/1994		
* [initials]	XX	5,457,672	Shinada et al.	10/1995		
* [initials]	YY	5,463,607	Roth et al.	10/1995		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
* 	1		JP 4-247325		Ryuichiro	09/1992		
* 	2		JP 5-159445		Junichi	06/1993		
* 	3		JP 7-296507		Yamaguchi Yuji	11/10/1995		
* 	4		JP 3-260958		Sakuma Hiroto	11/20/1991		
* 	5		JP 63-52393		Suzuki Michio	03/05/1988		
* 	6		JP 9-45006		Shirako Yukio	02/14/1997		
* 	7		JP 9-167443		Yamada Shinji	06/24/1997		
* 	8		JP 6-44687		Aramaki Junichi et al.	02/18/1994		
* 	9		JP 8-147878		Murata Morihiro	06/07/1996		
* 	10		JP 8-147879		Murata Morihiro	06/07/1996		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Nabil Hindi	Date Considered	7/20/04
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